

PATENT SPECIFICATION

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(54) ATTACHMENTS FOR USE IN CONJUNCTION WITH HOSE PIPES FOR WASHING THE UNDERSIDES OF VEHICLES

(71) I, IAN GRAFTON McINTOSH, a British subject, of 23 Glenesk Avenue, Montrose, Angus, Scotland, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:

10 This invention relates to attachments for use in conjunction with a hose pipe for washing the undersides of vehicles.

According to the invention there is provided an attachment for use in conjunction with a hose pipe for washing the undersides of vehicles, the attachment comprising an elongated tubular first section which is curved into an elongated S-shape and is adapted at one end to be joined to a hose pipe and an elongated tubular second section including a straight portion releasably attached to the other end of the first section to form a straight extension of the first section and a nozzle at the end of the second section remote from the first section so provided as to emit water passing through the sections in a direction substantially at an angle of 90° to the straight portion of the second section.

30 Embodiments of the invention will now be described, by way of example, with reference to the accompanying drawings, in which:—

35 Fig. 1 is a side view of a preferred embodiment of the invention; and

Fig. 2 is a side view of a modification.

Referring to Figure 1, a preferred form of washing attachment is shown. This attachment comprises two separate tubular aluminium sections 1 and 2 which are joined together by a joint 3.

The section 1 is bent at one end through a 90° angle into a L-shape and has inserted at that end a brass nozzle 4 to

produce the jet. Of course the nozzle can be fixed, or removable and/or adjustable.

The other section 2 has two bends whose angles may be chosen as desired to form an elongated S-shape. The end of this section remote from the joint 3 is joined at 5 to a tubular handle section 6 at the free of which there is disposed a brass threaded insert 7 which is adapted to be joined to a hosepipe.

At the joint 3 the end of the section 1 is such that it can be inserted a short distance into the section 2 at the joint 102. The inserted end of the section 1 is slotted to receive a centrally located bar fixed inside the section 2 to prevent relative rotation of the two sections when they are joined together. An externally threaded synthetic plastics material collar 8 is riveted to the end of the section 2 and an internally threaded synthetic plastics material collar 9 is slidably carried by the section 1. To lock the two sections tightly together the collar 9 is simply screwed over the collar 8. Inside the collar 9 is a rubber seal 10 which is held tight against the collar 8 when the collar 9 is tightened.

If desired, a device for controlling liquid flow and/or a device for injecting detergent or other liquid can be inserted. Also, wheels or a stand can be included at appropriate places.

In Fig. 2 a curved tubular section 11 has a handle 12 formed thereabout at a convenient location and is formed at one end 13 for attachment to a hose pipe. The other end 14 is adapted to be fitted to a straight tubular extension 15 to which in turn a nozzle unit 16 may be fitted at 17. Such an arrangement can be used as a wheelable assembly, the nozzle unit 16 comprising an upturned rose 18 and being supported on a wheel 19. A stand 20 may be provided on the end of the section 11 to which the extension 15 is fitted.

[Price 25p]

WHAT I CLAIM IS:

1. An attachment for use in conjunction with a hose pipe for washing the undersides of vehicles, the attachment comprising an elongated tubular first section which is curved into an elongated S-shape and is adapted at one end to be joined to a hose pipe and an elongated tubular second section including a straight portion releasably attached to the other end of the first section to form a straight extension of the first section and a nozzle at the end of the second section remote from the first section so provided as to emit water passing through the sections in a direction substantially at an angle of 90° to the straight portion of the second section.
2. An attachment according to claim 1, wherein the second section is L-shaped.
3. An attachment according to claim 2, wherein at the joint between the sections the second section is such that it can be inserted into the first section.
4. An attachment according to claim 3, wherein at the joint between the sections the first section is provided with an externally screw threaded fixed collar and the second section is provided with an internally screw threaded ring.
5. An attachment according to claim 4, wherein the collar and the ring are made of synthetic plastics material.

6. An attachment according to any preceding claim, wherein the sections are made predominantly of aluminium.

7. An attachment according to any preceding claim, including a device for controlling the flow of water through the attachment.

8. An attachment according to any preceding claim, including a wheel to facilitate movement of the attachment over the ground.

9. An attachment for use in conjunction with a hose pipe for washing the undersides of vehicles, substantially as hereinbefore described with reference to Fig. 1 of the accompanying drawing.

10. An attachment for use in conjunction with a hose pipe for washing the undersides of vehicles, substantially as hereinbefore described with reference to Fig. 2 of the accompanying drawing.

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1 SHEET

COMPLETE SPECIFICATION

**This drawing is a reproduction of
the Original on a reduced scale**

